

Segment ID: 2312

Water body name: Red Bluff Reservoir

Reservoir

Rio Grande Basin

Total size:

11,700 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	Mid-lake to dam	5,850	12	1	
2002	Dissolved Oxygen grab average	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	12	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Mid-lake to dam	5,850	12	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	12	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Mid-lake to dam	5,850	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Mid-lake to dam	5,850	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850	0		
2002	Acute Metals in water	No Concern-Limited Data	Mid-lake to dam	5,850	7		
2002	Acute Metals in water	No Concern-Limited Data	Texas/New Mexico State Line to Mid-lake	5,850	7		
2002	Chronic Metals in water	No Concern-Limited Data	Mid-lake to dam	5,850	7		
2002	Chronic Metals in water	No Concern-Limited Data	Texas/New Mexico State Line to Mid-lake	5,850	7		
2002	Overall Aquatic Life Use	Fully Supporting	Mid-lake to dam	5,850			
2002	Overall Aquatic Life Use	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Mid-lake to dam	5,850	1	0	
2002	E. coli single sample	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850	1	0	
2002	E. coli geometric mean	Not Assessed	Mid-lake to dam	5,850	1		
2002	E. coli geometric mean	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850	1		

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	Fully Supporting	Mid-lake to dam	5,850	11	0	
2002	Fecal coliform single sample	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	11	0	
2002	Fecal coliform geometric mean	Fully Supporting	Mid-lake to dam	5,850	11		1
2002	Fecal coliform geometric mean	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	11		2
2002	Overall Recreation Use	Fully Supporting	Mid-lake to dam	5,850			
2002	Overall Recreation Use	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850			

General Use

2002	Water Temperature	Fully Supporting	Mid-lake to dam	5,850	12	0	
2002	Water Temperature	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	12	0	
2002	pH	Fully Supporting	Mid-lake to dam	5,850	12	0	
2002	pH	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	12	0	
2002	Chloride	Fully Supporting	Mid-lake to dam	5,850	22		1,690.1
2002	Chloride	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	22		1,690.1
2002	Sulfate	Fully Supporting	Mid-lake to dam	5,850	22		1,658.2
2002	Sulfate	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	22		1,658.2
2002	Total Dissolved Solids	Fully Supporting	Mid-lake to dam	5,850	26		5,111.2
2002	Total Dissolved Solids	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850	26		5,111.2
2002	Overall General Use	Fully Supporting	Mid-lake to dam	5,850			

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General Use (continued)

2002	Overall General Use	Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850			
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Fish Consumption Use

2002	Human Health Criteria	No Concern-Limited Data	Mid-lake to dam	5,850	7		
2002	Human Health Criteria	No Concern-Limited Data	Texas/New Mexico State Line to Mid-lake	5,850	7		
2002	Overall Fish Consumption Use	Not Assessed	Mid-lake to dam	5,850			
2002	Overall Fish Consumption Use	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850			

Overall Use Support

2002		Fully Supporting	Mid-lake to dam	5,850			
2002		Fully Supporting	Texas/New Mexico State Line to Mid-lake	5,850			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Mid-lake to dam	5,850	11	3	
2002	Ammonia Nitrogen	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Mid-lake to dam	5,850	11	2	
2002	Nitrite + Nitrate Nitrogen	Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	6	
2002	Orthophosphorus	No Concern	Mid-lake to dam	5,850	10	0	
2002	Orthophosphorus	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	0	
2002	Total Phosphorus	No Concern	Mid-lake to dam	5,850	11	0	
2002	Total Phosphorus	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Mid-lake to dam	5,850			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	Concern	Texas/New Mexico State Line to Mid-lake	5,850			
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Algal Growth Concern

2002	Chlorophyll a	No Concern	Mid-lake to dam	5,850	11	0	
2002	Chlorophyll a	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	1	

Sediment Contaminants Concern

2002	85% Metals in sediment Cadmium	No Concern	Mid-lake to dam	5,850	10	2	
2002	85% Metals in sediment Cadmium	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	2	
2002	85% Metals in sediment Selenium	No Concern	Mid-lake to dam	5,850	10	1	
2002	85% Metals in sediment Selenium	No Concern	Texas/New Mexico State Line to Mid-lake	5,850	11	2	
2002	Overall Sediment Contaminant Concerns	No Concern	Mid-lake to dam	5,850			
2002	Overall Sediment Contaminant Concerns	No Concern	Texas/New Mexico State Line to Mid-lake	5,850			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850	2	0	
2002	Metals in fish tissue Selenium	Not Assessed	Mid-lake to dam	5,850	2	1	
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Mid-lake to dam	5,850			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Texas/New Mexico State Line to Mid-lake	5,850			

Narrative Criteria Concern

2004	Algal Growth	Concern	Mid-lake to dam	5,850			
2004	Algal Growth	Concern	Texas/New Mexico State Line to Mid-lake	5,850			

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Narrative Criteria Concern (continued)

2004	Overall Narrative Criteria Concerns	Concern	Mid-lake to dam	5,850			
2004	Overall Narrative Criteria Concerns	Concern	Texas/New Mexico State Line to Mid-lake	5,850			

Overall Secondary Concern

2004		Concern	Mid-lake to dam	5,850			
2004		Concern	Texas/New Mexico State Line to Mid-lake	5,850			